

FIG. 1

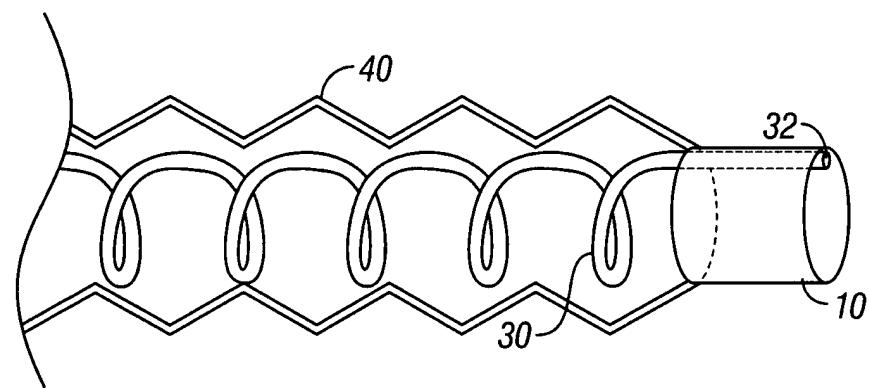
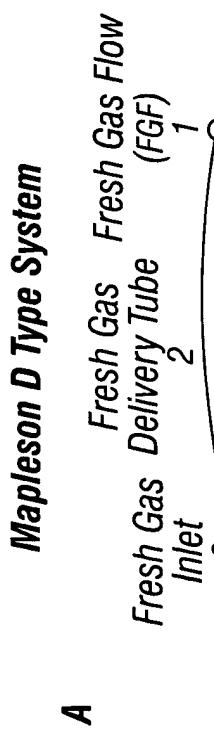


FIG. 2



Direction of Gas Flow

- Inspiration ($a+b$)
 - a. 1 → 2 → 3 → 4
 - b. 7 → 6 → 5 → 4
- Expiration ($a' + b'$)
 - a'. 1 → 2 → 3 → 5
 - b'. 4 → 5 → 6 → 7 → 8

Circle CO_2 Absorption System

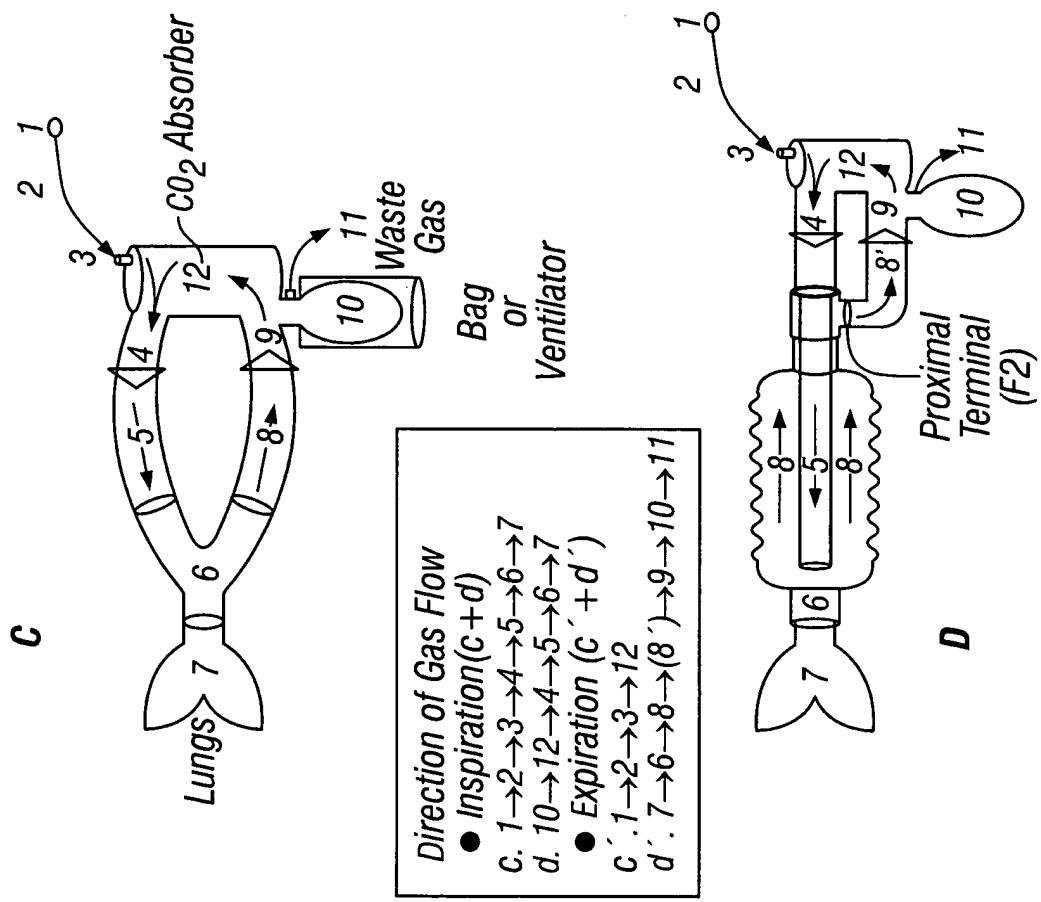
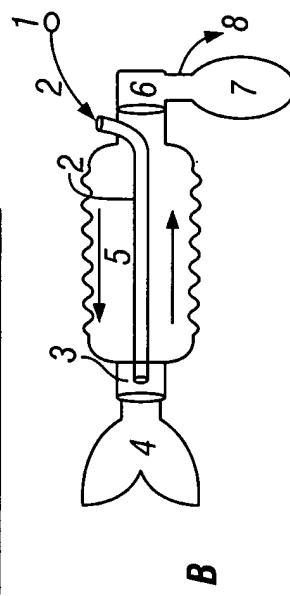
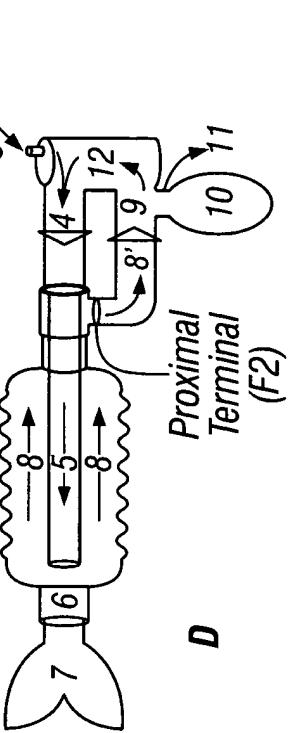


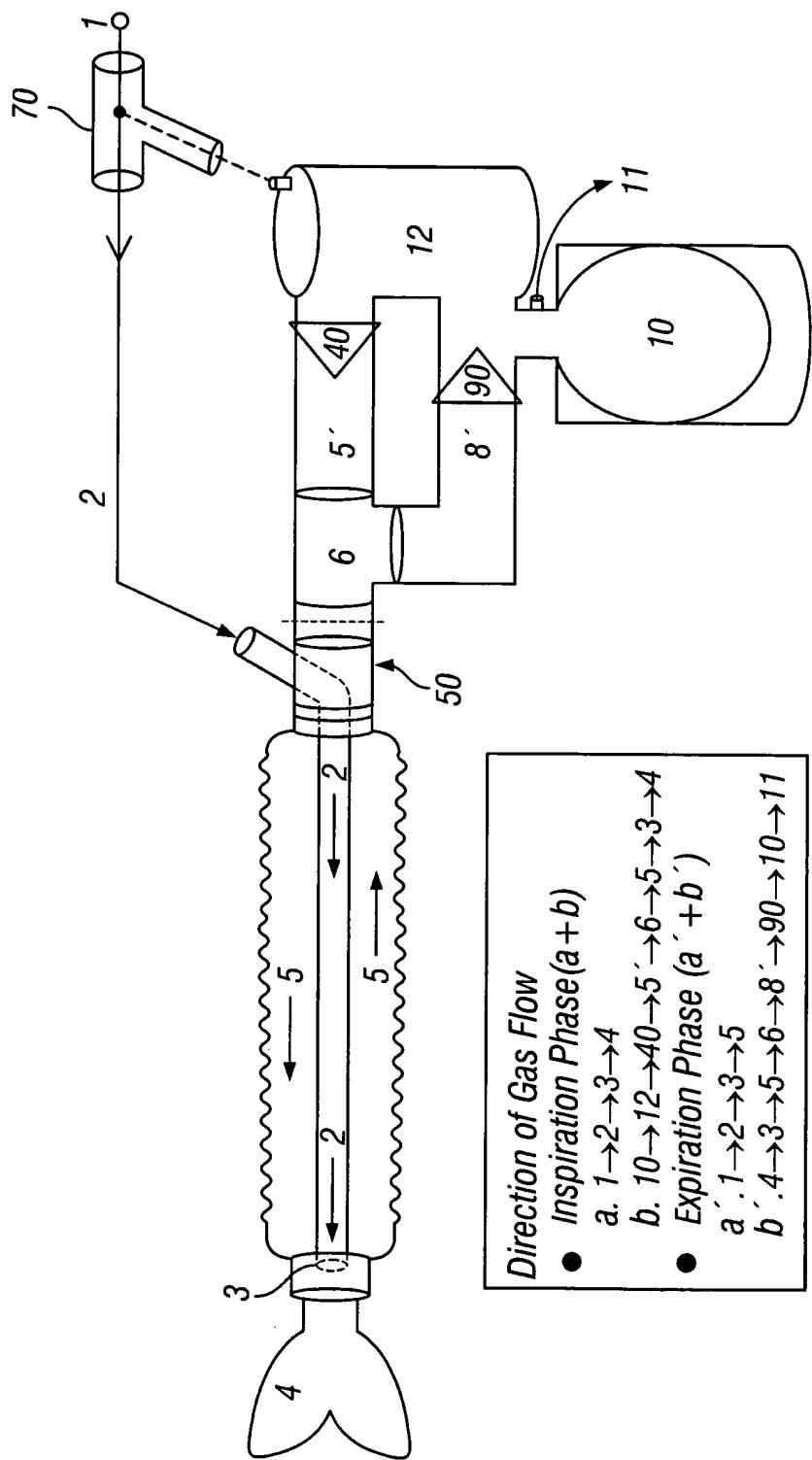
Fig. 3



Direction of Gas Flow

- Inspiration ($a+b$)
 - a. 1 → 2 → 3 → 4
 - b. 7 → 6 → 5 → 4
- Expiration ($a' + b'$)
 - a'. 1 → 2 → 3 → 5
 - b'. 4 → 5 → 6 → 7 → 8





Direction of Gas Flow

- Inspiration Phase (a+b)
 - 1 → 2 → 3 → 4
 - 10 → 12 → 40 → 5 → 6 → 5 → 3 → 3
- Expiration Phase (a' + b')
 - 1 → 2 → 3 → 5
 - 4 → 3 → 5 → 6 → 8' → 90 → 10 → 11

FIG. 4A

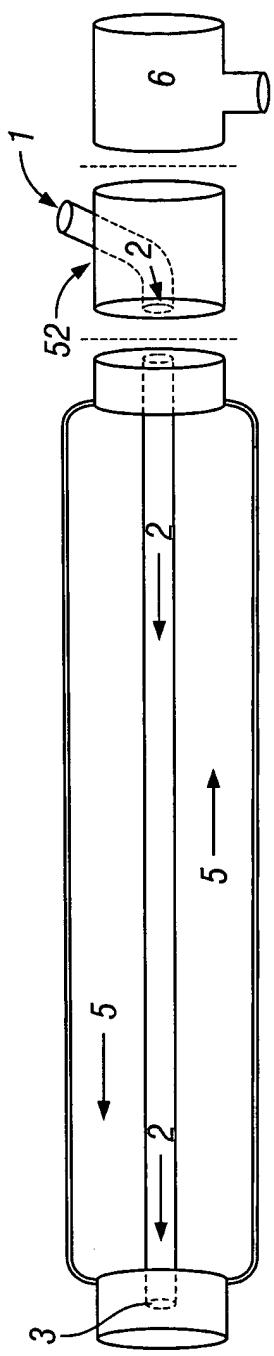


FIG. 4B

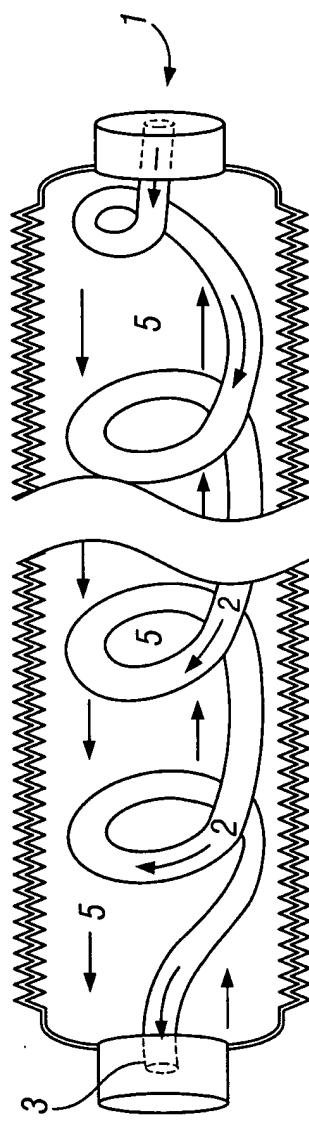


FIG. 4C

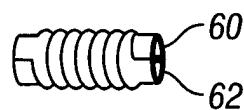


FIG. 5A

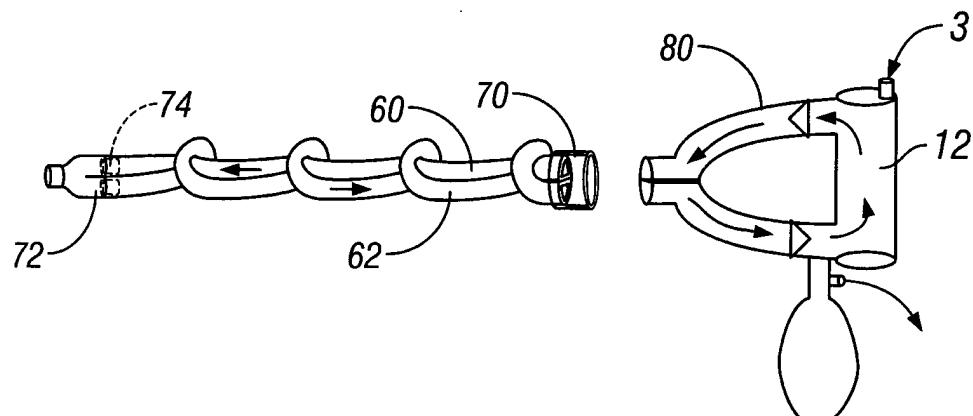


FIG. 5B



FIG. 5C

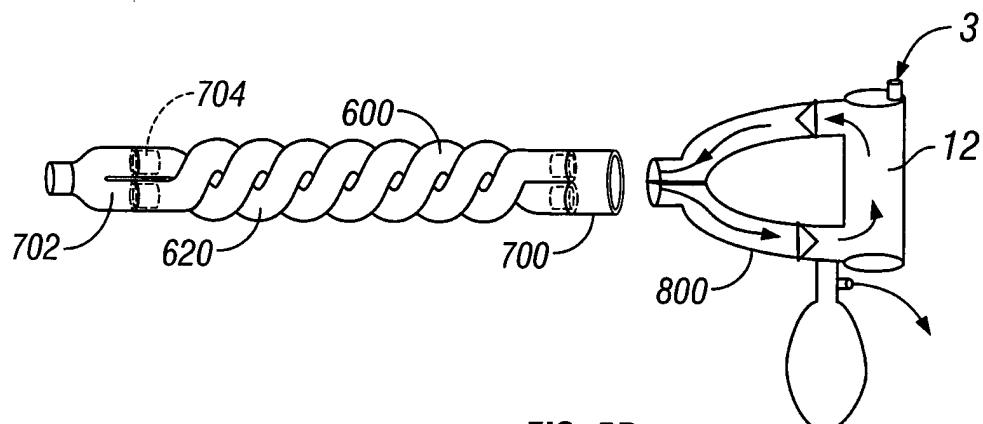


FIG. 5D

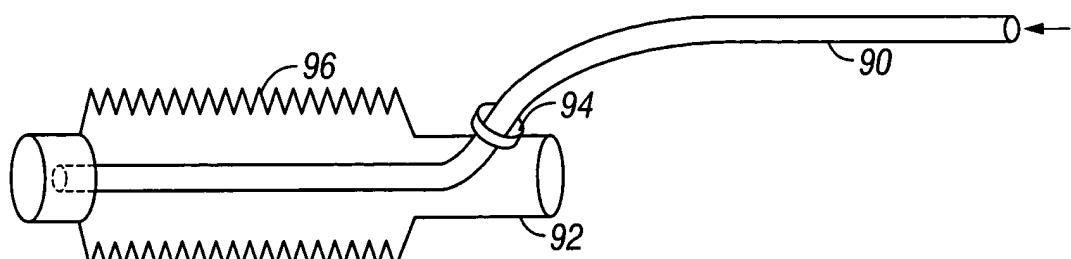


FIG. 6A

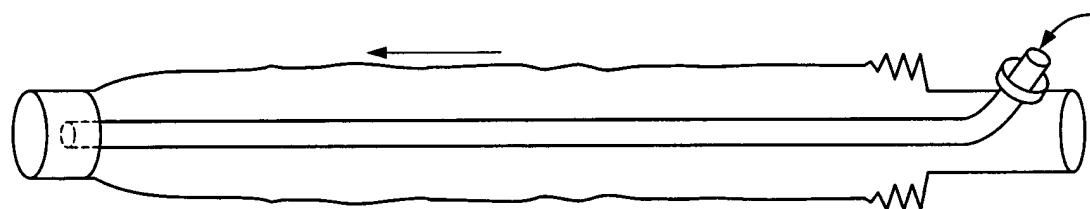


FIG. 6B

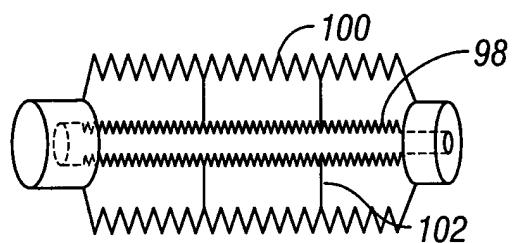


FIG. 7A

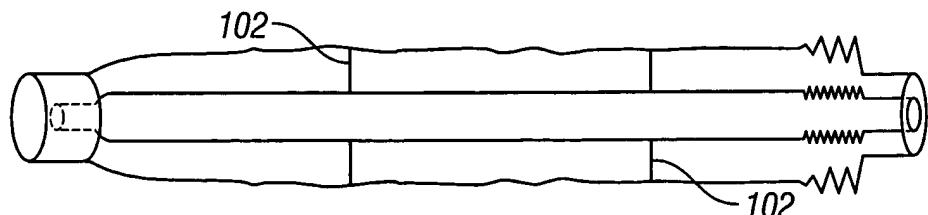


FIG. 7B

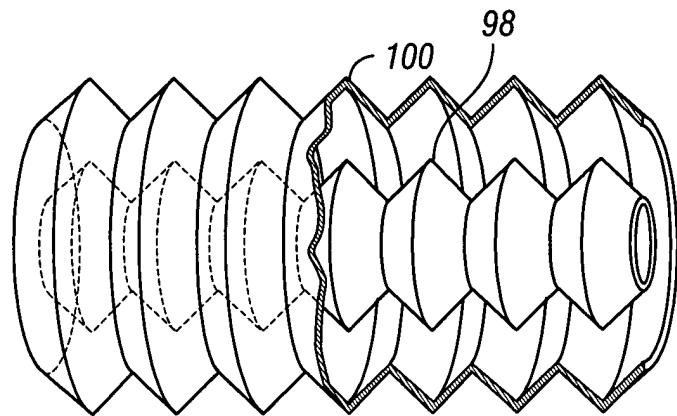


FIG. 7C

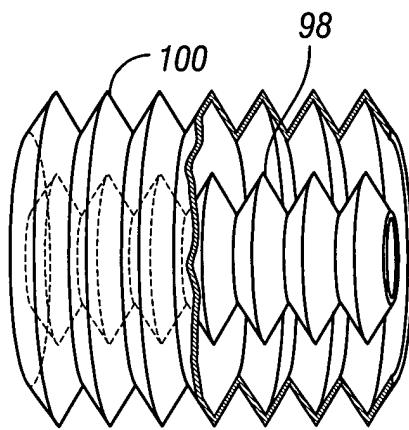


FIG. 7D

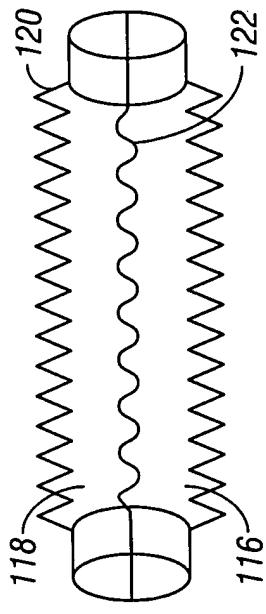
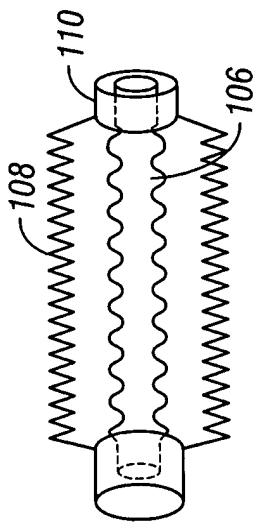


FIG. 8A

FIG. 9A

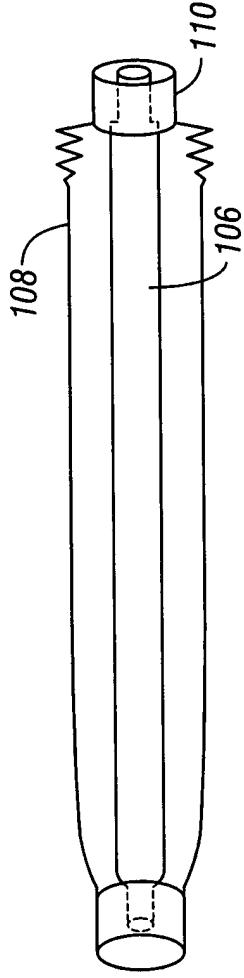


FIG. 8B

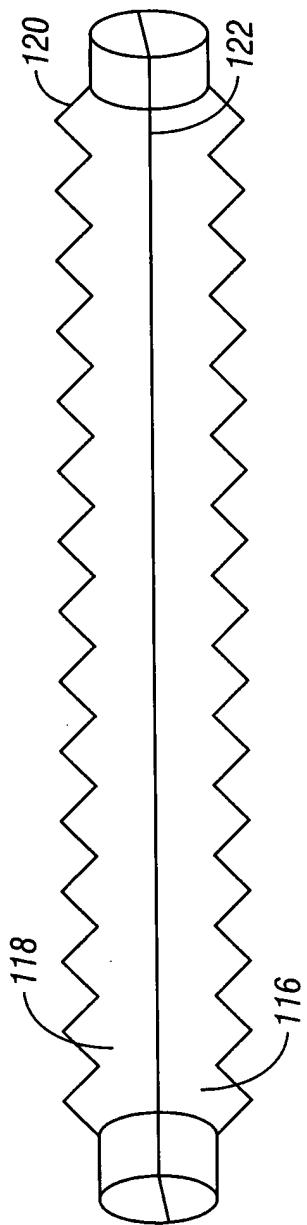


FIG. 9B

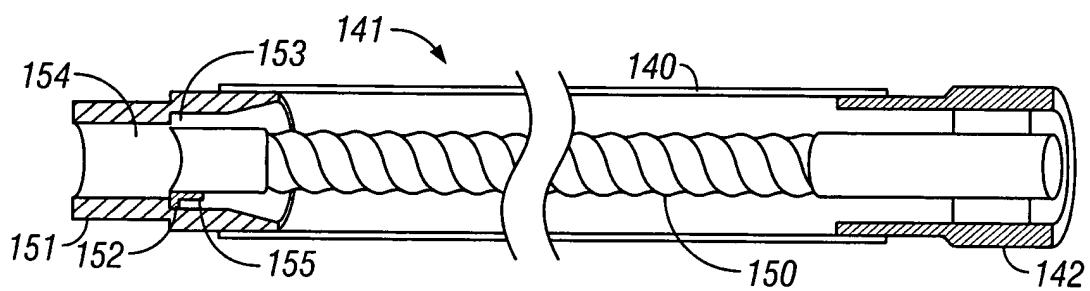


FIG. 10

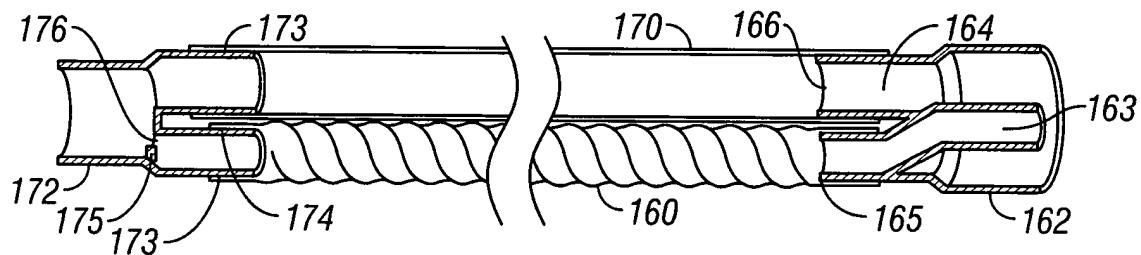


FIG. 11

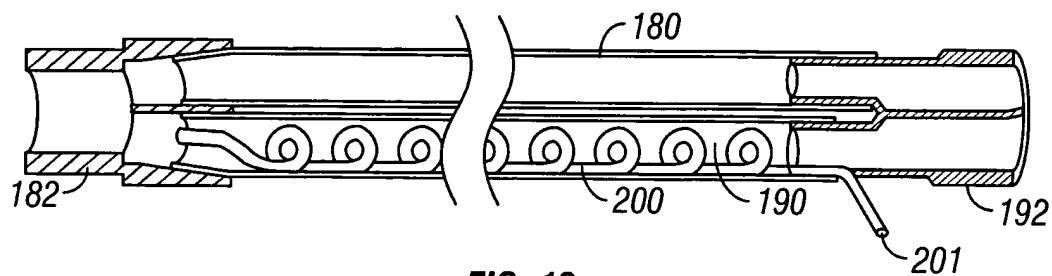


FIG. 12

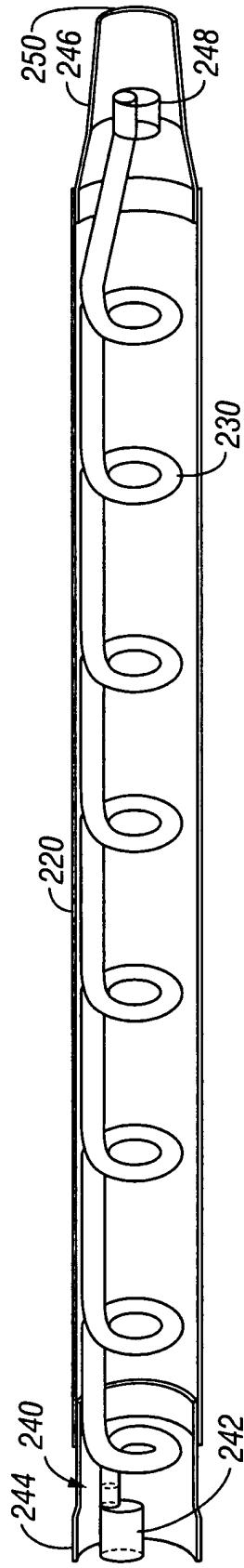


FIG. 13A

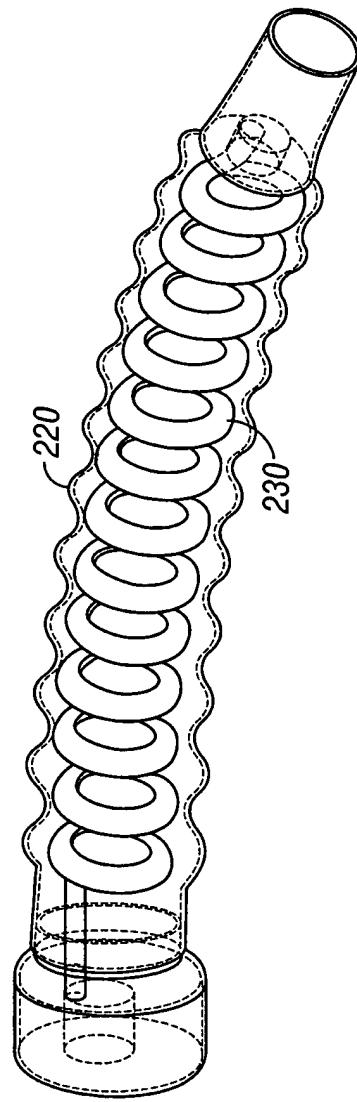


FIG. 13B